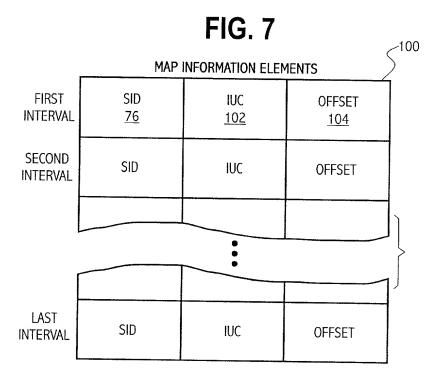
Applicant: Akgun, et al. Serial No. 09/899,365 "Communications of Packet Arrival Times to Cable Modem Termination System and Use Thereof" MBHB Case No.01-026A Atty: TAF

FIG. 6

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MAP MESSAGE

MAP MESSAGE								
MAC MANAGEMENT MESSAGE CENTER <u>82</u>								
UPSTREAM CHANNEL ID <u>84</u>	UCD COUNT NUMBER OF ELEMENTS 88		RESERVED					
ALLOC START TIME <u>90</u>								
ACK TIME <u>92</u>								
ranging Backoff Start <u>94</u>	Ranging Backoff End <u>96</u>	Data Backoff Start <u>98</u>	DATA BACKOFF END <u>99</u>					
MAP INFORMATION ELEMENTS 100								



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FIG. 8

FC (1 BYTE)	MAC PA	ARM (1 BYTE)	LEN (2	BYTES)	EXT. HDR (5 B	YTES)	HCS (2 BYTES)		
DA (6 BYT	DA (6 BYTES) SA (6 BYT		ES)	TYPE/LEN (2 BYTES)					
PAYLOAD (0-1500 BYTES)									
CRC (4 BYTES)								

FIG. 9

200

FC (1 BYTE) MAC PARM (1 BYTE) LEN (2 BYTES) EH_TYPE (4 BITS) = 15 $EH_LEN (4 BITS) = 6 BYTES$ EHX_TYPE (1 BYTE) = TBD $EHX_LEN (1 BYTE) = 4$ EH_VALUE (4 BYTES) = DOCSIS TIME-SYNC INDICATING THE ARRIVAL TIME OF THE DATA **PACKET** HCS (2 BYTES) SA (6 BYTES) TYPE/LEN (2 BYTES) DA (6 BYTES) PAYLOAD (0-1500 BYTES) CRC (4 BYTES)

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FIG. 10

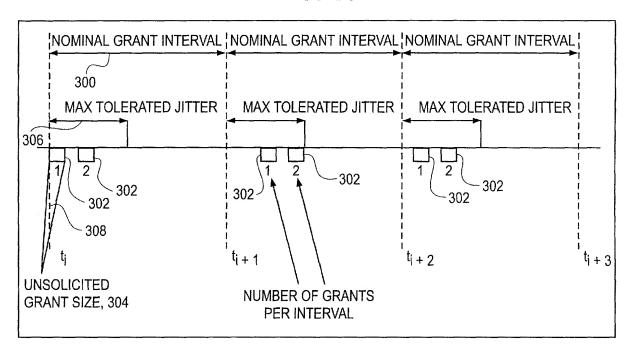


FIG. 11

